

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

for application of:

Yasuhiro WAKIMOTO

Atty. Docket No. 108391-00011

Serial No.: 09/652,023

Examiner: W. Choi

Filed: August 31, 2000

Art Unit: 2186

For: MICROPROCESSOR AND MEMORY DEVICE INCLUDING MEMORY UNITS
WITH DIFFERENT PHYSICAL ADDRESSES (As Amended)

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JAN 02 2004

Director of the U.S. PTO
P.O. Box 1450
Alexandria, VA 22313-1450

Technology Center 2100
Date: December 31, 2003

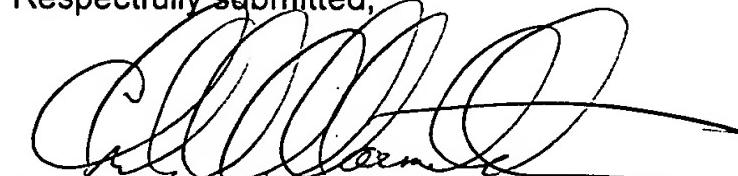
Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the information item(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each item(s) is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the item(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date, OR (b) before the mailing date of a first Office Action on the merits in the present application, OR (c) accompanies a Request for Continued Examination. No certification or fee is required.
- 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
 - a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
 - b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

- c. A check in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300 as needed to ensure consideration of the disclosed information.
3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check in the amount of \$180.00 in payment of the petition fee under 37 CFR §1.17(i)(1). Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300 as needed to ensure consideration of the disclosed information.
- a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
4. The reference(s) was/were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

Respectfully submitted,



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RH/rkc

Enclosure(s): Form PTO-1449, copy of European Search Report & 4 refs.

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| FORM PTO-1449 <i>O I P E</i> DEC 31 2003 JC34 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 108391-00011 | SERIAL NO. 09/652,023 |
| LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i> | | APPLICANT Yasuhiro WAKIMOTO | |
| | | FILING DATE August 31, 2000 | GROUP 2186 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NO. | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|------------------|--------------|-----------|---------------|-------|-----------|-------------|
| AA | 5,802,554 | 9/1/1998 | Cáceres et al | | | |
| AB | 5,845,311 | 12/1/1998 | Piguet et al | | | |
| AC | | | | | | |
| AD | | | | | | |
| AE | | | | | | JAN 02 2004 |
| AF | | | | | | |

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FOREIGN PATENT DOCUMENTS

| | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION YES NO PART. |
|----|--------------|------|---------|-------|-----------|-----------------------------|
| AG | | | | | | |
| AH | | | | | | |
| AI | | | | | | |
| AJ | | | | | | |
| AK | | | | | | |
| AL | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| AM | Edenfield, Robin, et al, "The 68040 On-Chip Memory Subsystem", Computer Society International Conference, IEEE Comp. Soc. Press, Vol. Conf. 35, February 1990, pp. 264-269. |
| AN | Fuccio, Michael L., "The DSP32C: AT&T's Second-Generation Floating-Point Digital Signal Processor", IEEE Micro, Vol. 8, No. 6, December 1998, pp. 30-47. |
| AO | |

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|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.